

II. A Description of some Shells found on the Molucca Islands ; as also an Account of Mr Sam. Brown, his Fourth Book of East India Plants, with their Names, Vertues, &c. By James Petiver, Apothecary and Fellow of the Royal Society.

The following Shells were brought me from the Molucca Islands, by my Ingenious Friends Mr Sylvanus Landon and Mr Rowleston Jacobs.

1. *Tellina Moluccana* densè fasciata & eleganter undatā.
an. Tellina magna lutescens, tenuiter fasciata, undatim depicta *List. Hist. Conchyl. Tab. 402. Lib. 3. Fig. 246.*

This Shell is near 3 inches long, and one and $\frac{1}{4}$ wide, white about the edges within, and yellowish in the middle ; without it's fasciated with capillary striæ, which are wider and deeper near the edges ; cross these are many brown reticulated and undulated streaks, which if viewed with the Hing downwards, appear like the Coralline branches in a polished Mocha-stone, one of these Valves weighed 3iiiß.

Amongst Mr Stonestreet's Curious Collection of Shells, I very lately saw one of these, which was near half clouded with brown, as Dr Lister's Figure represents it.

2. *Patella alba Orientalis*, profundè sulcato, umbone elevato. *an. Patella 1. Aldrov. de Test. 546. Fig. id. Francof.*

This differs from the *Patella Cypria major striata Aldr. Test. 548. Fig. id. Franc.* in being white, more transparent, and its head higher, and the whole Shell nothing near so thick or heavy. Mr Fox and Mr Cunningham, Sur-

I i i i i

geons.

geons, have observed this at the *Cape of Good Hope*.

3. *Concha Veneris Ascensionis* maculata, rimâ croccâ.
 List. H. C. Tab. 683. *Concha Veneris* crassa, dorso nebulato, lateribus raris maculis nigris depictis, ipsa ventris rima subcrocea List. H. Conch. Lib. 4. Sect. 9. Tab. 683. Fig. 30. *Saffron-tooth'd Cowrie*.

This is a thick and heavy Shell, as big as a *Pidgeons* egg ; on the back spotted and speckled, but on the sides spotted only ; its *Teeth* of a *Turmeric* colour, its *Belly* white and peculiarly shap'd, with an edge as if cut : by which and its *Teeth* it's easily distinguish'd from all others.

4. *Concha Veneris Ascensionis*, fuscâ maculâ utroque latere. *Concha Veneris* cinerea infinitis albis puncturis exiguis depicta, item ad mediam marginem utrinque latâ maculâ ex fusco nigricante List. H. C. l. 4. S. 9. Tab. 691. Fig. 39. *Side spotted Cowry*.

This is a small *Greyish Cowry*, sprinkled with *pale Specks*, some of which lye in *cloudy spots*. It's remarkable for one large one, in the middle of each side, like a bruise or black *Eye* ; but more especially obvious on the smooth side, the other being furrowed to the exterior edge.

5. *Concha Veneris Moluccensis*, parva, verrucosa, apicibus flavescens. an *Concha Veneris* fusca, utroque capite ex fusco flavescens, exiguis vel punctis vel tuberculis exasperata, ventre latè striato List. H. C. l. 4. S. 9. Tab. 708. Fig. 58.

I believe these change their colour from brown to white, but they are easily distinguish'd by their yellowish tips and serrated belly : they are scarce so big as a *Luke Olive*, and weigh not above 10 grains.

6. *Veneroides umbilicata*, *Moluccensis* marmorata. an *Concha Veneris umbilicata* major fusca sive variegata List. H. C. L. 4. S. 9. Tab. 713. Fig. 69. an *Cochlea immerso turbine* or *Dipping Snail* Mus. Regal. Societ. p. 128: Tab. 9. whose *Figure* and *Magnitude* it very much resembles ; except that in the back it's only pounc'd between the capilla-

ry veins, whereas this is marbled like the inside of a Nutmeg : this weighs somewhat more than ℥iiij.

7. *Cylindraceus Moluccensis*, luteis maculis, intus purpurascens. *an* Rhombus ex fusco maculatus, labro ex viola purpurascente *List. H. C. l. 4. S. 10. Tab. 719. Fig. 3.* 7.
List. H. C. Tab. 719.

I have 4 of these near of a bigness, *viz.* an inch and $\frac{1}{2}$ long, and 2 $\frac{1}{2}$ about, are white with yellow spots, and in some seem to be mixt with blue specks. These weigh between 2 and 3 drams.

8. *Cylindroides Moluccanus* major, agris & lineis ex albo aureoque eleganter interpositis. *an* Cochlea Cylindroides altera *Aldr. Test. edit. Francof. p. 135. cap. 38. Tab. 9. p. 133. id. ed. Bon. p. 399. Fig.* which *Figure* in this *Bononia Edition* very exactly resembles this Shell, as well in its reticulations as in its shape and bigness. *an* Cochlea Cylindroides alter *Jonst. Aquat. p. 39. Tab. 12. Fig.* but the *Icon* here has lost its netted veins. *an* Rhombus cylindro pyramidali ex rufo vermiculatus five maculis inaequalibus reticulatus. *List. H. C. l. 4. S. 10. Tab. 790. Fig. 43. Aldrovands Cloath of Gold.* 8.
Aldr. Test. Francof. 135. Aldr. Test. Bon. 399. Jonst. aq. Tab. xii.

This differs from that of *Rondeletius de Test. p. 99.* (as *Aldrovandus* well observes) his being no bigger than ones thumb, and flatter at the base, and not so thick as this.

9. *Cylindroides Moluccanus* levis, ex rufo alboque Marmoratus. *an* Bonan. 157. *Fig. 319. Light Molucca Cloath.* 9.
Bon. 157. Fig. 319.

This is marbled with Chestnut and White Clouds and Reticulations, without either *striae* or *fasciae*, is 3 inches long, and about one and $\frac{1}{2}$ thick, yet weighs but $\overline{5}^{\text{lb}}$.

10. *Cylindroides Moluccanus* crassius, carneus, fasciis capillaceis fulcis, dense circumcinctus. *Heavy Molucca Cloath.* 10.

This is flesh coloured, very thick beset with brown hairy *fasciae*, from the middle of its belly rises one spiral girdle, tending upwards $\frac{1}{4}$ inch broad, this is of the same magnitude with the last, but weighs $\overline{3}^{\text{i}}$. $\overline{5}^{\text{v}}$. & $\overline{3}^{\text{i}}$. which is $\overline{3}^{\text{i}}$ $\overline{5}^{\text{i}}$ & $\overline{3}^{\text{i}}$ heavier.

11. *Rhombus Madraspat.* albus, parvus, maculis, quadrangularibus nigricantibus fasciatis Act. Phil. No. 271. p. 271. p. 859. 5. 859. 5. an List. H. C. l. 4. S. 10. Tab. 779. Fig. 25; an Bon. 27. Fig. 122. *Black Diamond Stamper.*
12. *Pyramidalis Moluccensis* ex rufo alboq; mixtus. an List. H. C. Tab. 780. *Rhombus* subluteus cylindro pyramidali, lineis quibusdam punctatis & fascijs undatis depictus List. H. C. l. 4. S. x. Tab. 780. Fig. 27. It's an inch broad at the base, and $1\frac{1}{4}$ long, weighs 3vi. & 3i.
13. *Olivaris Moluccensis* dentatus nigrescens, undis albis. an List. H. C. l. 4. S. 11. Tab. 827. Fig. ult. About the bigness of a Horse-bean, with a serrated purple mouth; weighs just gr x. or 3l.
14. *Unicornu Moluccanum*, eburneum, grave, lituris nigris fasciatis. *Buccinum* dentatum grande bifasciatum List. H. C. l. 4. S. 11. Tab. 846. Fig. 74. *Buccinum* Perficum eburneum Maculosum alterum nitidum μακροπτερον Col. Obs. Aq. 56. c. 24. Fig. opt. p. 53. Turbo *Banan.* 317. Fig. p. 157. *Columnas*, Ivory Telescope.
- The upper twirls are large and smooth, in each of which are 2 rows of black spots, the upper small, the lower twirls seem divided betwixt these 2 rows. The whole Shell is very thick and heavy.
15. *Unicornulus recurvirostris Moluccens.* verrucosus. an List. H. C. l. 4. S. 15. Tab. 1024. Fig. 90.
- Near 1 inch long and above $\frac{1}{4}$ broad at top, its lower twirls are alternately wadded, it's wholly covered with Warts, but the largest are round each upper *Fascie* : Weighs above 3l.
16. *Buccinulum Moluccense* oblongum, costis per longitudinem sulcis capillaceis cinctis.
- This is ridged from head to point, its upper twirl, which is above $\frac{1}{2}$ the Shell, has 2 whitish girths with hairy furrows, its right lip has 3 twisted ribs; is $\frac{1}{2}$ inch broad and 1 long : Weighs near 3ii.

17. *Buccinulum bilingue Moluccense* sessile, castaneum fasciis albis. *an* *Buccinum bilingue* læve, tenue fasciatum, leviter compressum, ore purpurascens *List. H. C. l. 4. S. 12. Tab. 847. Fig. 1.* It's back Chestnut with 6 White girths, the right lip black and smooth, the left brown, striated beyond the edge, which is smooth and white, on this side are 2 sinuses, or notches at top, and one below.

18. *Buccinum bilingue Moluccense* nodosum. 18.

This is very like the next, but somewhat broader and flatter, and is chiefly distinguished in having 3 prominences towards the point of the Shell, and has no circles on the back, as the other hath.

19. *Buccinum bilingue Moluccense* nodosum & fasciatum digito productiore. *Buccinum bilingue* ex rufo variegatum, ore interno subcroceo profundè striatum, muricatum *List. H. C. l. 4. S. 12. Tab. 871. Fig. 26.* 19.

These are generally about the bigness of a *Hens Egg*, are girdled over the back, and knobbed, especially the middle circle; the inside is tinged with a Saffron colour; it's double tongued, and particularly distinguished by a finger-like point below.

20. *Aporrhais Orientalis* heptadactylon. *Aristotle's* *Aporrhais*. 20.

Aporrhais Rondelet. *aquatil.* 79. Fig. *id.* Gallic. 51. c. 6. Fig. *Rond. aq. 79. id. Gall. c. 6. Aldr. Test. Bon. 343. Aldr. Test. Franc. Tab. 6. Fig. 18. x 19. Bon. 157. Fig. 12. List. H. C. Tab. 866 and 867.*

Aporrhais Aristoteles Aldrov. *Test.* 342. *descript.* Fig. *interna* & *ext.* 343. & 4. *id.* *Francos.* 118. *desc.* Stachel Seckne Tab. 6. Fig. 18 & 19. p. 117. These *Figures* and *Description* agree very well with this Shell. *Johnston* in his *Histor. Natural. Exang. Aquat.* Amst. Tab. xi. has transposed this, and figured it under the Title of *Murex Coracoides*, and the *Aporrhais* under it. *Bonan.* 157. Fig. 12 & 13.

Buccinum bilingue maximum, læve, ore purpurascens, labro multi digitato *List. H. C. l. 4. S. 12. Tab. 866. Fig. 21. & Tab. 867. Fig. 22.* which last *Figure* exactly resembles the belly of this Shell, whose inside has a Phyllamort cast, and

and in some streakt with white, it's marked on the back with Chestnut clouds, and is distinguisht from all others, in having 7 extended spikes, viz. one at each end, and 5 along the side.

Mr *Edward Bulkley* sent me some time since a very fair one of this kind from *Fort St George*.

21. *Murex Moluccensis* Castaneus, lineis Capillaceis interne
 21. & externe ornatus. *Murex* duplici fasciola in spiram con-
 Bon. 153. Fig. 287. List. H.C. tortata a basi ad mucronem vittatus *Bonan.* 153. Fig. 287.
 Tab. 931. *Buccinum* rostratum duplicibus lineolis subfuscis circunda-
 tum inter sinus nodosum *List. H. C.* l. 4. S. 14. *Tab.* 931.
 Fig. 26.

Outside. It's *outside* brown, girdled with double lines $\frac{1}{8}$ of an inch afunder, these pairs stand but very little cloſer then the ſpaces between ; the middle of each twirl is knobbed, particularly the 4 uppermoſt ; its *inſide* is thick ſet with brown capillary lines at equal diſtances, having about 8 in $\frac{1}{2}$ an inch, theſe are carried out of ſight ; by its double lines and knobs without, and ſtreaks within, it's eaſily diſtinguiſht from all others of this kind.

22. *Buccinum Neritodes Benghalense* perelegans Marmoreum. *Buccinum brevirostrum*, labrosum, costis latis pliocatilibus & acutis distinctum *Lift. H. C. l. 4. S. 15. Tab. 992. Bon. 135. Fig. 185. Col. Fig. 55. Bonan. 135. Fig. 185. Concha Neritodes altera minor variegata Col. Obs. aq. c. 36. p. 70. desc. Fig. 69. Fair-wing.*

This is a very beautiful Shell, and may be easier known by the aforefaid Authors Figures of it, than can be described by words.

23. *Buccinulum Moluccense* labrosum dorso gibboso *an*
Buccinum brevi rostrum columella callosa, undatis striis le-
 viter distinctum e rufo fasciatum List. H. C. l. 4. S. 15. Tab.
 971. Fig. 26. The *Molucca* Hunchekin.

Weight. These weigh commonly about 10 grains, yet I have one heavier than a scruple.

24. Burfa Moluccana labro spinoso.

24.

Turbo auritus cum labris duplici dentium ordine munitis Bon. 130. Fig. 152. Lift. H. C. 1. 4. S. 15. Tab. 1015.
Bonan. 130. Fig. 152. *Buccinum* recurvirostrum tenue, ventre strictiore undatum *Lift. H. C. 1. 4. S. 15. Tab. 1015.*
 Fig. 73.

Bonani his Figure and Dr *Lister's*, pretty well resemble this Shell; and what is peculiar in it, are its *serræ* or spines in the upper part of the left lip; which the *Icon* takes notice of, and in our Shell are four.

Mr Samuel Brown his 4th Book of East-India Plants.

Gathered from the first to the fourth of April,
 1696. at *Perre-pollum* and *Eremita-pollum*, 12
 or 14 miles from *Fort St George*. Ground
 sandy. Clay reddish. Pretty Plain.

138. Maula poo Malab.

138:

L Otodendron *Madraspat.* folio longiore pubescente *Mus. Petiv. 656.* an *Mallam-Toddali Malab. Chori-bori*
Brach. Tarilla d' agoa Lusit. Narren-pluymen Belg. Hort. Tab. 40. p. 83.
Malab. Vol. 4. Tab. 40. p. 83, an Baccifera Indica racemo-
sa, florum staminulis binis acinis monopyrenis, fructuum-
bilicato Ray Hist. Plant. 1597. cap. 28. an Dudhali Za-
non. 25.

The *Leaves* and *Flowers* are hoary, and agree with the *Figure* in the *Hort. Malab.* Its *Fruit* (stands in its *Flower-busk*) somewhat bigger than a *Pea*, rough and hairy, depressed at the top, with a small point in the center; it has a tendency to 4 *sulcæ* or furrows, each containing one *Kernel*.

Grows

Grows 3 or 4 foot *high*. The *Natives* who have pains in the head and in all their bones, *fume* with the *Powder* of this *whole Plant*, put on live Coals and pretty well covered, which produces plentiful Sweats, and does much good. S. B.

139.

139. Arbor *Eremitana* Lauro-Cerasi folio.
Sumtra-poonce *Malab.*

The Leaves are thick and very like our Laurel, but some rounder, they grow on short footstalks, which are ribb'd as the twigs, at the setting on of these Leaves come forth small clusters of little Flowers, with scarce any footstalks, which are followed by a fruit I have not yet examined because unripe, yet some of them are bigger than a Cherry, adhering to a foliaceous calyx like the seed of our Elm, but much less.

Grows 6 or 8 foot *high*, thick as ones wrist. A Decoction of the Leaves are Carminative and expel Wind. S. B.

140.

140. Rette pe marette *Malab.*

Perexil Gangetic. *Oleasfri* folio, spicâ *Panicea*.

Pluk. Tab. 10.
Fig. 1.

Breyn. pr. 2 p.

Amaranthus albus Gangeticus *Salvia* angustis folijs, paniculâ conglomerata *Pluk.* Tab. 10. Fig. 1. an *Amaranthus Alopeccuroides Indicus* frutescens, lanuginosus, folijs *Salvia* angustioribus & longioribus *Breyn.* Prod. 2.

These Leaves resemble the *Wild Olive*, the Spike white and soft, otherwise very like the *Gramen Paniceum spica divisa* 1. C. B. 8. Dr *Sherard*, that accurate Botanist, assures me, this is not the *Salvia Amaranthoides M. Nutii* Fascic. Herb. 60. as Dr *Pluknet* supposes.

Is about 3 foot *high*; the Natives put this in a Cloath between two unglazed Pots to boyl: So that the fume of the Water in the undermost may moisten the Herb, which they press out, and give 2 spoonfulls of it warm for Cough and *Astma*. S. B.

141. Cammal-Maraum. *Malab.*

141.

Arbor Eremitana, Ponna minore crassioreque folio.

The *Leaves* are thick and stiff, the middle rib is furrowed on the upper side, and much raised on the under, ends blunt, and is often cleft ; these stand on very short footstalks, are thick set, and grow inordinately ; from the bottom of these *Leaves* grow clusters of small hexapetalous *Flowers* like those of *Laurustinus*, each standing on a $\frac{1}{2}$ inch footstalk, which seems rather the pipe of the Flower.

Is about 28 foot *high*, and above a foot *diameter* ; the *Root* and *Bark* in powder given to those who are *hoarse* with great *Colds* is a good Medicine. *S. B.*

142. Nella watta chedde *Malab.*

142.

Vomica Nux Eremitana, folio angustiore, fructu minore globofo. *an Scheru Kata valli Carinam Malab. Davo Caro Bram wild Klimmond Kraagnoog Belg. Hort. Malab. Vol. 7. Tab. 5. p. 9. an Solanum arborefens Indicum foliis Napecae minoribus, fructu rotundo duro & semine orbiculari compresso minoribus Breyn. pr. 2.*

H. Malab. v. 7. T. 5. p. 9.

Breyn. pr. 2. p. 93. 2. H. Mal. 250. 1.

The *Leaves* of this differ from *S. B. 28.* in being smaller, narrower and sharp-pointed, the *Fruit* rounder and much less, not exceeding a *Hazel-nut*.

Is about 7 or 8 foot *high*, and as *thick* as ones wrist, the *Powder* or *Decoction* of the *Root*, *Bark* and *Leaves* cures *Hesticks* and other *Feavers*, also *Consumption*, *Cough* and *Astma*. *S. B.*

143. Alle-poo *Malab.*

143.

Nymphea Eremitana minor.

an Cit. ambel. Malab. Casturi Camalla Bram. H. Mal. V. xi. Tab. 27. p. 53. an Nymphaea Malabarica minor folio ferrato Comel. in H. Malab. p. 53.

H. Mal. xi. Tab. 27. p. 53.

This is very like our *White Water-Lilly* of the *Shops*, but less both in *Leaf* and *Flower*. I wonder how *Dr Plukenet* could be so egregiously mistaken as to refer this to the *Nedel Ambel* of the *Hort. Malab. V. xi. Tab. 28. p. 55.* it being vastly different, and he knowing it to be another Plant.

H. Mal. V. xi. Tab. 28. p. 55.

K k k k k k

The

The Natives here give the Root and Flower for the running of the Reins and to correct Choler, and they say 'tis cooling and refreshing. S. B.

144. Cooltee yella Malab.

144.

Sagittaria Malabarica major folio obtuso pubescente.

H. Mal. V. xi.

Tab. 45. p. 93.

Pluk. Tab. 220.

Fig. 7.

Alm. Bot. 326.

8.

Sagitta Indica major folio obtuso, floribus minoribus albicantibus *Comel* in H. Malab. p. 94. *Culi Tamara* Malab. Hort. Mal. V. xi. Tab. 45. p. 93. *Sagittaria* foliis planta, glomerato fructu monopylene, *Coriandri* tere figura Pluk. Tab. 220. Fig. 7. Alm. Bot. 326. 8. *Ad Phil.* No 244 p. 331. Fig. 39.

Grows in the Water; this cures the Itch or Scab, by applying the Leaves ground to pulp, and washing with a Decoction of the same. There are many species of this, I have taken notice of about 10 sorts, but they are very hard to preserve, so that I cannot send them now. S. B.

* 144. Caut Wallee Malab.

* 144.

Mus. Petiv.

697.

H. Mal. V. 6:

Tab. 5. p. 9.

Ray H. Pl.

1766. c. 13.

Waga Madraspatana Senæ foliis filiqua lata compressa, ubi seminibus inflata *Mus. Petiver.* 697. *an Waga Malab.* Sigi *Bram.* Favas do Lagaro *Lusit.* *Melshauwen Belg.* Hort. Malab. Vol. 6. Tab. 5. p. 9. *an Acacia Malab.* altera spinis carens *Comel.* in H. Mal. v. 6. p. 9. *an Arbor. Indica* filiquosa, flore tetrapetato stellato, filiquis bipalmaribus planis *Ray H. Pl.* 1766. c. 13.

Grows 30 or 35 foot high, and a foot and $\frac{1}{2}$ thick: A Decoction of the Bark cures the Tooth-ach by washing the Mouth with it: the Kernels ground with Lime-juice and put in the Eye, cures pains in the Head, Lethargy, &c. S. B.

S. B. 1442.

145.

Pl. Jain. 202.

Hern. 99.

Zan. 18 and

27.

Laet. I. 17.

cap 28.

H. Mal. V. I.

Tab. 15. p. 23.

Bont. 96. Fig.

Pis. ed. 2. p.

159. Fig.

Marc. 103. Fig.

Gerem. 1609.

Park. 1632.

Ludg. 1842.

Park. 1649.

IB. V. I. 147.

prodr. 4.

145. Poppoi-chedde Malab. *Papaia* foemina.

Papaya major, flore & fructu majoribus, pediculis curtis induratis *Plant.* Jam. 202. *Papaya Hernand.* 99. *Papaia Zan.* 18 & 27. *Laet.* I. 17. c. 23. *Papaja-maram Malab.* *Papaja Bram.* H. Malab. Vol. I. Tab. 15. p. 28. *Arbor Melonifera Bontii* 96. Fig. Pino Guacu foemina *Pis.* ed. 2. 159. Fig. *Mamaoera* foemina *Marcgr.* 103. Fig. *Mamoera* foemina *Ger.* emac. 1609. *Park.* 16. 49. Fig. *Ficus Nigritarum Park.* 1632. marg. *Ludg.* 1482. Fig. *Arbor Cucurbitifera, Ficus Nigritarum IB.* V. I. p. 111. Fig. *id.* prodr. 3. c. 44. *Chabr.* 6. Fig. 3. *Papaie Peruvianis IB.* V. I. p. 147. *id.* prodr. 4. cap. 69. *Raij H. Pl.* 1370. 2.

Arbor Platani folio, fructu *Peponis* magnitudine eduli *CB.* 431. *Arbor fructu Melonis* forma, pugni magnitudine *CB.* 434. 12. *Ficum* specie fructus *Peruanus* *CB.* 457. 4. *Ficus* similis arbor fructu oblongo *CB.* 457. 5. *Papaya* fructu *Melo* *peponis* effigie *Plum. Inst. Rei Herb.* 659. The Female *Papaw.*

Dr *Sherard* gave me this day, viz. *Novemb. 5. 1701.* a very well preserved *Flower* of this Tree, which he gathered this Summer in her Grace the *Dutchess of Beaufort's Gardens* at *Badminton*. In colour, shape and magnitude it exactly resembles *Polemonium Monspeliense*, or yellow *Jasmin*, and is very well expressed in the 15th Table of the *Hort. Malab.* on the right hand, towards the bottom of the *Plate*. 1 B. V. 1. 111.
id. pr. 3.
Ray H. Pl.
1370. 2.
C B. 431. 434
12. 457. 5
Jagt. R. H.
659

146. Tande maraum Malab.

146.

Mandsjadi Malab. Glycyrrhiza folio sem. coccineis.

Arbor filiquosa Indica flore spicato pentapetalo, filiquis longis nodosis, fabis coccineis Ray H. Pl. 1752. cap 16. Crista Pavonis Glycyrrhiza folio maxima Indica, flore subluteo minimo spicato, filiquis angustis longissimis, ubi femina occultantur protuberantibus, sem. orbiculato compresso sanguineo Breyn. Pr. 2. 38. Phaseolus alatus arboreus Indica fructu coccineo H. Lugd. Bat. 495. Phaseolus alatus arbor Indica fructu coccineo fere orbiculari medio utrinque tumido Alm. Bot. 294.

Mandsjadi Malab. Gunfii & Gonsii Bram. Mangelins Lusit. Manjelyns vel Weegbonen Belg. H. Malab. Vol. 6. Tab. 14. p. 25. Mandhathya seu Mara Musf. Zeylan. H. Lugd. Bat. 495. Mangili Cingalens : Alm. Bot. 295. The Scarlet Abrus.

Grows about 30 foot high, and 10 or 12 inches diameter; the Natives put the Leaves into hot Oyl to make them plyable, and lay them to Rheumatick pains and *Pleurisies*. S. B.

147. Neer caddumba Malab.

147.

Samstravadi Malab. Hippocastanei foliis vix ferratis.

Jambos sylvestris Samstravadi dictus major Ray H. Pl. 1480. 4. Tfieria Samstravadi Malab. Gove sada pali Bram. Rosairo brava Lusit. Beedelfnoeren Belg. Hort. Malab. V. 4. Tab. 6. p. 15. Flor. Malab. 141. 8.

Dr *Plukenet* hath given us this 3 times over, viz. First, under the Name of *Arbor Orientalis digitatis Samounæ foliis serratis, floribus stamineis in spicam pendulis, fructu oblongo quadrilatero coronato Almag. Botan. 47. 5. Secondly, under a longer title, viz. Nucipomifera Arbor Orientalis Castanæ equinæ foliis fructu, longo, corticose, crasso, tetragono, summo apice (Pomis in modum) umbilicato, nucleum nudum angulosum includente Alm. Botan. 266. 6. Since which, in his correct Mantissa, he gives it you again as altogether new, under this title, Nucipomifera arbor foliis densioribus subtus argenteis, floribus in prelongam spicam dispositis fructu tetragono. Mantiss. Alm. Bot. 137. 2.*

K k k k k k 2

Grows

Grows 6 or 8 foot *high*, *thick* as ones wrist. A Decoction of the Plant drank cures the running of the Reins and making much Urine. S. B.

148.

148. Valanga *Malab.*

Ray. H. Pl.

Limo *Eremitana* fere hexaphylla, caule alato.

1658. 3.

an Malus Limonia *Indica* fructu pufillo Ray H. Pl. 1658. 3. *an*

Flor. Malab. p.

Tsjerou-Katou-Naregam *Malab.* Citt-rana-nimba *Brach.* Linoins

168. 2.

da folha Cruzado *Lusit.* Claver-appelkens *Belg.* Hort. Malab. V. 4.Tab. 14. p. 31. *Flor.* Malab. 168. 2.

Grows between 30 and 40 foot *high*, and about a foot and $\frac{1}{2}$ diameter: A Decoction of the Root and Bark is cooling, good in Cholerick distempers, it also cures the running of the Reins. The Fruit, when ripe, is as *big* as a large Apple, and full of fowrith Winey pulp (which is good in Fluxes) with white soft seeds as big as a great pins head. This Fruit, in shape, colour and bigness resembles the *Cydonia Indica*, which tastes like *Gum Arabick*: Two handfuls of the Leaves boyl'd in water to about 4 ounces, will give 6 or 7 stools, and not gripe in the least. These Leaves soon spoyle, otherwise they would (being aromack) much exceed *Senna*. S. B.

149.

149. Coodee-wengee *Malab.*

Pluk. Tab.

Helicteres Indiae utriusque *Coryli* folio.

245. p. 2.

Helicteres arbor Indiae Orientalis filiqua varicosa & funiculi in

Pluk. Tab.

modum contortuplicata Pluk. Tab. 245. Fig. 2. *an* *Helicteres* ar-

245. f. 3.

bor Indiae Occidentalis fructu majore, *Jamaicensibus* nostratibus

Plant. Jam.

Button-wood dicta Pluk. Tab. 245. l. 3. *Abutilo affinis*, arbor, Al-

97. 8.

thea folio cujus fructus est styli apex auctus, 4 vel 5 filiquis hir-

Ray H. Pl.

sutis, funis ad instar in spiram convolutis constans Plant. Jam. 97.

1765. c. 10.

8. Frutex *Indicus* fructu a styli apice egresso, sextuplici funiculo

H. Mal. V. 6.

in spiram convolutis constante Ray H. Pl. 1765. cap. x. Ifora

Tab. 30. p. 55.

murri *Malab.* Tannini *Brach.* Pao de chanco *Lusit.* Schroefboonen

Flor. Mal. p.

Belg. H. Mal. Vol. 6. Tab. 30. p. 55. *Flor.* Malab. p. 124. 3. *an*

124. 3.

Igera-murri Zan. 26.

Is 6 or 8 foot *high*, and *thick* as ones arm: A Decoction of the Leaves, Flowers, and Fruit cures Hectic and all continual Fevers: And a Drink of the Root and Bark is good for Coughs and Consumptions. S. B.

150.

150. Erca-chedde *Malab.*

Par. Bat. 29.

Apocynum Malabar. latifol. incanum flore albo. *Apocynum* e-

H. Mal. V. 2.

rectum incanum latifol. Malabaricum floribus omnino albis *Par-*

Tab. 31. p. 56.

Bat. 29. Bel Ericu *Malab.* Davi Roey *Belg.* Hort. Malab. Vol. 2

Flor. Mal. p.

Tab. 31. p. 56. *Flor.* Malab. p. 20. 4. Apo-

2. 4.

Apocynum Malab. incanum latifol. flore rubente. Apocynum erectum incanum latifol. Malabar. floribus ex albo suave purpurascens Par. Bat. 28. *Apocynum latifol. Ægyptiacum incanum erectum floribus magnis pallide violaceis* P. B. pr. Waraghaha Zeyl. *Elicu Malab. Roey Bram. Hort. Malab. Vol. 2. Tab. 31. p. 53. Flor. Malab. p. 18. 8. an Apocynum erectum majus latifolium Indicum flore concavo amplo carneo suave purpurascens* Breyner. Pr. 2. 14.

It is about 4 foot *high*, and generally consists of small branches, this is *white*, but here is another species of the same name which is more *reddish*, differing in nothing else; they both when broken yield a *Milk*, which dry is hot as *Euphorbium*, and like it in colour. The *Bark* of its *Root* chewed and held to the aking Tooth cures it. The *Leaf* and *Flowers* made into a Poultice, and put to Cods swelled (by stopping a *Gonorrhœa* too soon) takes it away, as also the pain, tho never so violent. The *Leaves* spread on a Cloath, and hot Sand powred on them, and the Cloath tyed, so that the heat of the Sand may penetrate the Leaves, and applied to any cold pain, renewing them as they cool, eases pains to a Miracle: the same also eases the *Gout*, as I have tried. S. B.

151. *Ponellechedde Malab.*

Acacia Benghalensis Bonduch folio filiquis dorso nervosis. *Musf. Musf. Petiv. 601.*

This is a very beautiful *Climber*, extending very far, and thick in branches. A Decoction of the whole Plant cures all sorts of Intermitting Fevers: The *Leaves* and *Branches* boyld in Water-Grewel or Broath cleanses the blood in the said Fevers of the Morbifick humour, and creates an *Appetite*. S. B.

152. *Pauck-maraum Malab.*

Areca seu Fausel Indiæ Orientalis. *Palma* cujus fructus sessilis *Fausel* dicitur CB. 510. xi. *Palma* Arcifera nucleo vericolori Nuci Moschatae simili P. B. pr. 361. *Nux Fausel seu Pinang Malaiis* Bont. 90. Fig. Ray H. Pl. 1363. 18. *Dale Ph. 386. 2. Areca vel Fausel* five *Avellana Indiana vericolor* Park. 1643. Fig. *Caunga Malab. Madi Bram. Hort. Malab. V. 1. Tab. 5, 6, 7, 8. p. 9. The Fausel* by some *Betle nut*, because used with that Leaf, and *Drunken Nutmeg*, from its intoxicating quality in such as are not accustomed to it.

• Rises 30, sometimes 40 foot *high*, generally 6 or 7 inches diameter: It seems to be jointed almost like a *Fishing-Cane*, which Joints are generally about 4 inches distant. The *Leaves* grow only

ly at the top; the *Fruit* on a Branch which grows out of the Tree, near the top: The *Natives* here do not use the Tree nor Leaves in Physick, but they make a very pleasant Purge or Laxative Medicine, by boyling the *Root*, *Fruit* and *Flower* in Water, giving 3 or 4 ounces of it to an ordinary man, it purges Choler and expels Wind: *Garcias* says the distilled Water of the *Fruit* was his *Panacea* in Cholerick Fluxes, but here 'tis of no use against them. S. B.

152. 153. Vailumbath Malab.

Hippuris aquatica Orientalis polyspermos.

This is a Water Plant, the Stalk is big as a Straw, and rises 3 or 4 foot high: but is not used by the *Natives* for Physick. S.B.

153. 154. Cariwaopullee Malab.

Æleagnus Eremitana Vaccinie nigra fol. perforato.

It is about 4 or 5 foot high, all in branches, about a finger, and sometimes 2 fingers thick; 'tis good to correct Choler, and stop Vomiting and Looseness, by taking a Cup night and morning of the Decoction of its *Leaves* and *Tendrils*; the *Natives* use it very much in their *Carries*, (Sawces or Pickles.) The *Berries* are something warm and aromatick, so are the *Leaves*. S.B.

155. Calapeecalunga Malab.

155. *Methonica Malabarorum*. Niengala *Zeylonensium*. *Lilium Zeylanicum* superbum vulgo *H. Lugd. Bat.* 689. Fig. *Pluk.* Tab. 116. Tab. 116. Fig. 3. Fig. 3. *Lilium Zeylanicum* superbum, rad. tuberosa florum petalis coccineis fimbriatim reflexis *Hort. Bosian. Mendoni Malab.* *Artii Bram.* Raiz d'empose *Lusit. Croes-steen Belg.* *H. Malab. V. 7. Tab. 57. p. 107.* *Bram.* Raiz d'empose *Lusit. Croes-steen Belg.* *H. Malab. V. 7. Tab. 57. p. 107.* *Lilium Zeylanicum* superbum *Hort. Amst. V. 1. p. 69. Fig. 35.* This grows in dry ground about 2 or 3 foot high, the *Root* is about a finger thick and a span long, is a rank Poyson inwardly taken, as the *Natives* say; but they grind it in water, and put it on pained or swelled Joynts. S. B.

156. 156. Malle-cungee Malab.

156. *Panel Eremitana Lauri folio venoso.*
H. Mal. V. 5. Tab. 16. p. 31. an *Tfierou Panel seu Baala paleti Malab.* *Apacaro Bram.* *Clyn Flor. Malab. p. 122. 1.* *Heylwortel Belg. H. Malab. V. 5. Tab. 16. p. 31. Flor. Malab. p. 122. 1.* *Frutex Indicus* baccifer hexapetalos fructu rotundo *Monopyreno nigro Ray H. Pl. 1594. cap. 19. 1.*
1594. 6. 19. 1. This is a species of *Cadal-Cungee* S. B. 97. is about 4 or 5 foot high; it stops the too great flux of *Urine*, cures *Diabetes* and *Gonorrhea*. This is not so effectual as N. 97 S.B.

157. Poula-mullee Malab.

157.

Manja-pu *Malabarica* flore odoratissimo fugaci.

Dr *Plukenet* very erroneously ranks this Tree amongst the *Sun Pluk.* *Flowers*, calling it *Chrysanthemum Orellanæ foliis impenſe ſcabris, Maderaspatanum*, *florum petalis quinis, tetragonis ex calyce amplo viridi fiſtuloſis Pluk. Tab. 83. Fig. H. Ox. Sect. 6. p. 24. 78. deſc.* if Dr *Plukenet* has the *Arbor triſtis Myrto ſimilis* CB. 496. as he pretends, (as alſo to give a Cut of it in his 262 Table, Fig. 3. which we cannot there find) he would oblige the world to let us know wherein it differs from his *Chrysanthemum* above; which I take to be the *Manja pu maram* Hort. Malab. V. 1. Tab. 21. p. 35. *Pariatacu* Bram. Ray H. Pl. 1698. cap. x.

Grows 6 or 8 foot high, thick as ones arm; the Bark and Root cures *Conſumptions, Cough* and *Aſhma*, by drinking the Decoction: The Flower is very odorous, but hard to get, falling off the Tree at day-break and ſoon ſhrivels and diſſolves. This, I think, is the *Arbor Triſtis*. The Flower is very cordial and fragrant. There are 2 others which may be referr'd to this, viz. S. B. 90. and S. B. 125. both theſe fall off the Tree in the morning, the laſt is very ſweet, the other is ſmaller and not ſo ſweet. S. B.

158. Yellenda-maraum Malab.

158.

Jujuba *Madraſpat.* ſpinofa, foliis ſubtus ferrugineis.

an Jujuba *Indica* CB. 446. 4. an *Malus Maluccenſis* nonnihil ſpinofa CB. 433. 1. an *Pruno ſimilis, foliis Laccam Perens* CB. 444. 12. an Jujuba *Indica* *rotundifolia ſpinofa, foliis majoribus ſubtus lanuginofis & incanis Breyn. pr. 2. 6c.* an *Perin Toddali* Malab. Bori Bram. Tarilla *Lufit. Doorn-Kerſſen Belg. H. Mal. V. 4. Tab. 41. p. 85. Flor. Mal. p. 149. 2.* Ray H. Pl. 1535. 5.

This is the Tree on which it's ſuppoſed the Ants work the Lack. Grows 28 or 30 foot high, and 8 or 10 inches diameter: This is the true *Mafanas*, the other S. B. 64. is the wild *Ber* and *Bor Acoſta Park. 1636. cap. 102.* A Decoction of the Root, Bark and Leaves cures the Gripes and all Fluxes; the Fruit alſo (which is bigger than S. B. 64.) is biading. S. B.

159. Collar-yellendee Malab.

159.

Jujuba *Ercmitana* ſpinofa, folio maximo rigido.

an Frutex *Biſnagaricus* ſpinofus, *Coryli foliis denſis, ſpinis brevioribus craſſis Pluk. Tab. 29. 7.*

This is a ſpecies of *Mafanas* or *Ber*, but is the leaſt ſort, being a low ſhrub; all the 3 ſorts have prickles; the Leaves of this ſtop Urine, is good alſo for the ſame as S. B. 64 & S. B. 158 are. The Natives eat this with beaten Rice. S. B.

160. Code

160.

Mus. Petiv. 631.
S. B. 160.

160. Code maoca taree *Malab.*

Coccifera Madraspat. Capparidis facie spinosa, fructu umbellæ modo nascente *Mus. Petiv* 631.

This *Climer* is a species of *Mooca taree* S. B. 16. A Decoction of this cures Infants of *Scald heads* and *Scabby Itch*: which the *Natives* call *Carpaun*: but those of 3 or 4 years old must bruise and apply it outwardly, S. B.

161.

161. Pecalah *Malab.*

These seem 2 Plants, but both are good for the same use, and are both *Climers*; the *Decoction* or *Powder* of either of these cures *Pox*, *Buboes*, *Itch*, *Scabs*, &c. taken daily for 15 or 20 days: It is a little laxative. S. B.

The first we shall thus distinguish, viz.

S. B. 161. 1.
Ray H. Pl.
1602. 10.
El. Bot. 470.
Inst. R. H.
598. 1.
H. Mal. V. 6.
p. 93. p. 53.
Fl. Mal. p.

Jasminum Eremitanum polypetalon, *Pervince* folio.

an *Jasminum Indicum* flor. polypetalon candido, oris rufescentibus Ray H. Pl. 1602. 10. an *Jasminum Indicum* angustifolium fructu gemino *El. Bot.* 470. *Inst. R. H.* 598. 1. an *Catu Pitsjegam* mulla *Malab.* Nara Sai *Bram.* *Jasmin* do mato *Lusit.* Wilde *Jasmin-Belg.* H. Malab. V. 6. Tab. 53. p. 93. *Flor. Malab.* p. 144. 3.

The other I find under the *Malabar* name of *Coole-woola-cheba*, *Jasminum Eremitanum* polypetalon *Myrti* fol. acuto.

144. 3.
S. B. 161. 2.
Ray H. Pl.
1602. xi.
El. Bot. 471.
Inst. R. H.
598. 3.
H. Mal. V. 6.
f. 54. p. 95.
Flor. Mal. p.

an *Jasminum Indicum* flore polypetalon candidissimo, fructu majore Ray H. Pl. 1602. 11. an *Jasminum Indicum* latifolium monococcon *El. Bot.* 471. *Inst. R. H.* 598. 3. an *Katu Tfiiregam* mulla *Malab.* Saio *Bram.* Mogara da ferra *Lusit.* Berg Mogari *Belg.* H. Mal. V. 6. F. 54. p. 95. *Flor. Malab.* p. 145. 1.

If Dr *Plukenet* be not fond of pretending to more Plants than he can shew, he can easily clear these doubts, having in his *Almag.* *Bot.* p. 195, 6, 7. this and the last supposed ones, with most of the other *Jasmins* in the *Hort. Malab.*

162. Surnavul *Malab.*

145. 1.
S. B. 161. 2.
Alm. Bot.
196. 7.
162.
Mus. Petiv. 259.

Laurus tinus Madraspat. trifoliatum *Mus. Petiv.* 259. & S. B. 18. *Aff. Phil.* N. 264. p. 586. 18.

S. B. 18.
S. B. 162.
Aff. Ph. p.
586. 18.

Is about 6 or 8 foot high, and thick as ones *Arm.* A Decoction of the *Root* and *Bark* of this cures Pocky Rheumatick pains, it also dissolves Nodes, &c. S. B.

With the same Account, and under the same Name, I have also received it from Mr *Edward Bulkley* at *Fort St George*, and is the same with S. B. 18. this being in *Fruit* and that in *Flower*.

163. *Alaternus Eremitana* Ilcis folio.

163.
S. B. 163.

The *Label* to this is lost. But Mr *Edward Bulkley* hath lately sent

sent it me under the *Malabar* name of *Veera Maraum*, who gathered it in the month of *April* in *Berry*.

164. Paring chekka *Malab.*

Senecio Madraspatana Rapi folio, floribus maximis, cujus radix a nonnullis China dicitur *Mus. Petiv. 680.* 164^d

This we call here *China-root*, but is very different from what * you described with prickles. This cured one Mr *Ingram* of a *Consumption*, who had linger'd many years, at the *New Fort*. 'Tis 2 foot high : The Root just like *China-root* : When I have more Experience of it you shall hear farther. *S. B.* Mr Petiver.

165. Todallee *Malab.*

Lycium Eremitanum Buxi foliis obrufis.

Is 6 or 8 foot high, thick as ones wrist. A Spoonful or 2 of the Decoction of the Root and Bark given to Infants cures the Itch and Scab, and what we call the *Carpaung* : the Fruit is pleasant and eatable. *S. B.* This differs from *S. B. 62.* in having thinner obtuse Leaves, and grow not exactly opposite. These Berries come from the bosom of the Leaves, the other at the ends or divisions of the branches only. *S. B. 165.* 165.

166. Marloo-mattee *Malab.*

Is a foot or 1 $\frac{1}{2}$ high : The Natives use it to procure Love, and mixing it with other things, make a sort of Philter : but I do not believe it has any such power. It has when fresh a pleasing smell, and stops Fluxes. *S. B.* 166:

This, as I have already hinted (in my *Herb. Unaneerc.* in the *Philosoph. Transact.* No 224. p. 318. 11.) seems nothing different from our *Xanthium*, or Lesser Burdock. *S. B. 166.* *H. Un. 11.* *Ag. Phil. No.* 224. p. 318. 11.

167. Chedde meel cheddee *Malab.*

Kanni-Viscum Eremitanum floribus spicatis.

Is a sort of *Polypodium* : 'twas gathered from a small thorny Tree, bearing a small red Fruit, which is sweet and eatable. The Natives say, if every morning any person takes half a Pagoda, that is, 3^{ls}. of the powder of it, 'twill prevent all distempers, and prolong youth : Taken night and morning cures Leprosies, it purges gently. *S. B.* *H. Mal. V. 13.* *F. 4. p. 7.* 167.

an Belutta itti Canni *Hort. Malab. V. 10. p. 7. Tab. 4. sub nomine Valli itti Canni.*

S. B. 167.

168. Va fumboo *Malab.*

Calamus Aromaticus Orientalis folio & radice tenuiore.

168.

Acorus verus sive Calamus aromaticus Asiaticus radice tenuiore. *H. Lugd. Bat. 9. Calamus Aromaticus Garz. l. 1. c. 22.*

L 11111

Va

Garz. l. i. c. 22. Va embu Malab. Bembu Bram. H. Malab. V. xi. F. 48. p. 99. Va-
H. Mal. V. xi. zabu & Vazambo Zeyl.
Tab. 48. p. 99.

This is our *Calamus Aromaticus* : The *Natives* here use it for
S. B. 163. many Distempers, it helps Digestion, stops Vomiting and Looseness,
procures Womens purgations, is Diuretick, &c. S. B.

169. Carututee Malab.

Prunifera Tercucheana folio Vitis, subtus lanoso.

Is 6 or 8 foot high, and thick as ones arm : This I gathered on
a Mountain 20 mile from Madras, call'd *Tercucheanum*, on
which is a Pagoda, the *Bramins* of which have taught 2 strange
White Birds to come every day at noon to eat, which having done,
they wash in Water in the cliff of the Rock, and so fly away a-
gain ; by this Artifice they get much Money, making the super-
stitious believe their Fables, &c.

A Decoction of the Root, Bark and Fruit, cures Gripes, Fluxes
S. B. 169. and Gonorrhea. The Leaves of no use. S. B.

170.

170. Cacia-cheddee Malab.

Baccifera Madraspat. Visci arborei foliis latioribus Mus. Petiv. 38.

S. B. 59.

H. Mal. V. 10.

Tab. 5. p. 9.

& S. B. 59. an Kanelli itti Canni Malab. Davim-pala Bram. H. Mal.
V. 10. F. 5 p. 9. which if the same, it's said to grow in Rocky
places on a Tree call'd *Kasjam* or *Kanelli*.

The Leaves help to make a red dye or colour, the Root boyl'd
S. B. 171. is good for a Cough ; the Flowers are of a pure blue, almost purple ;
it's as thick as one's arm, and grows 6 or 7 foot high. S. B.

172.

172. Ea-cheddee Malab.

Waga Eremitana spinosa, Mimosa foliis subtus incanis.

A sort of Bramble, which if it gets into any place spreads much,
and is hard to be rooted out ; the *Natives* moisten these Leaves
with Water and press out the Juice ; which because 'tis very bitter,
they mix some Sugar with it, and give it for pains in the
Back, which it seldom fails to cure : The Flower is fragrant when
fresh. S. B.

S. B. 171.

173.

173. Cammala Malab.

Lycium Eremitanum spinis foliaceis Sesami flore.

Grows 5 or 6 foot high, and almost as thick as ones wrist. The
Root of this, and Bark beaten with Rice and eaten, cures pains in
the Back and Rheumatism. S. B.

S. B. 173.

174.

174. Caunum pulee Malab.

Perexil Eremitan. Parietariae folio, paniculis speciosis.

This trails on the ground, but here is another Species, called
Pula

Pula-cheddee, which rises a foot or 2 high, a Decoction of both which and *Borax* cures stoppage of Urine. S. B.

S. B. 174.

175. Ardanapalle Malab. H. Unaneerc. 29. *Aff. P. N.* 244.

175.

Aristolochia Unaneeroondaca, vulgaris facie.

H. Un. 29.

How much this differs from our kinds I cannot yet distinguish. It's a *Species* of the *Stringy* rooted.

S. B. 175.
Aff. P. N. 244.
P. 327. 29. 1.

The *Natives* grind the whole Plant, and apply it to the Belly to expel *Worms*; other use they know not: the *Moors* give it their *Horses* to eat to fatten them, which I have seen; but the *Malabars* think it to be Poyson, because the *Goats* eat it not. S. B.

S. B. 175.

176. Poonaree Pillée Malab.

176.

Cyperi facie Eremitana planta, foliis pubescentibus capitulis squarrosis. Is not used in *Physick*. S. B.

177. Naiwallée Malab.

177.

Sinapistrum Eremitanum pentaphyllum minus hirsutum.

The Decoction expels *Wind*, the Juice cures pains in the *Ears*; 'tis said by the *Natives* to be very hot. S. B.

S. B. 177.

178. Suree-cheddee Malab.

178.

Toddali spinosus Madraspat. medio nervo ex altera parte folii percurrente *Mus. Petiver.* 689. *Mus. Petiv.* 689.

A low prickley Plant about 2 foot high; the *Berries* of this the *Crows* do not eat, therefore the *Natives* think them Poyson, but the powder of the whole Plant (them excepted) they give as for *Apoplexies*, *Palsy*, *Epilepsie* and *Convulsion*, which cures to a Miracle. S. B.

S. B. 179.

179. Waapa maraum. Malab.

179.

Azedarach Malabarica Fraxini tenuiore folio.

Azadirachta Indica foliis *Fraxini* five non ramosis majoribus flore minore albo *Breyn.* pr. 2. p. 21. 3. *Arbor Azadirachta Indica* foliis *Fraxini* five non ramosis flore minore *Breyn.* pr. 1. p. 3. 5. *Arbor Indica Fraxino* similis, *Olea* fructu *CB.* 416. 5. *Nimbo* costæ 281. *Garz.* 226. *Clus.* Exot. 226. cap. 2. & p. 232. c. 29. *Park.* 1651. c. 133. *Fig. opt. Lugd.* 1867. c. 103. *Fig. Durant* 310. *Fig. Fragos.* 37. c. 7. *Nimbo* folio & fructu *Olea* *IB.* 1. 6. c. 8. p. 27. *Fig.* 18. prodr. p. 19. 15. *Chabr.* 49. *Fig.* 3. *Olea Malabarica* *Fraxineo folio* *Maderaspatan Pluk.* Tab. 247. *Fig.* 1. *Olea Malab.* rica *Nimbo* dicta fructu racemosa oblongo *Raii* H. Pl. 1545. 4.

Breyn. pr. 2.

p. 21. 3.

Breyn. pr. 1.

p. 3. 5.

CB. 416. 4.*Acost.* 281.*Garz.* 226.*Clus. exot.* 226.*Park.* 1651. 39.*Park.* 1651.

c. 133.

Lugd. 1867.

c. 103.

Durant 310.*Fragos.* c. 7.

p. 37.

IB. 1. 6. c. 8.

Aria Be-pou Malab. *Nimbo* *Bram.* *Amargoseira Lusit.* *Gal.* bef. *fen Belg.* H. Malab. V. 4. Tab. 52. p. 107. *Flor. Malab.* p. 10. 6.

This is *Nimbo*, but there is another wild sort call'd *Malle-Wam* boo S. B. N. 26. this is a large Tree, about 35, and sometimes 40

L 11111 2'

foot

I B. pr. 19 15. foot high, and about a foot and $\frac{1}{2}$ diameter; the *Oyl* of the *Seeds* cures a Distemper very incident to lying in Women, here by the *Natives* called *Janney*, which proceeds from taking cold, as they say, and is very dangerous; a Decoction of the *Bark* drank cures *Frenzy* and *Madness*: The Powder or Decoction of the *Root* of this Tree, when 50 years old, or at its full growth, cures the *Le-prosy*. The tender *Sprigs*, which here they call *Ecla's* (and is a common name for other straight Straw-like things of which they make *Brooms*) stript of its Leaves cures Infants almost choak'd with *Phlegm*, they also strengthen the *Stomach*, stop Vomiting, correct *Choler*, and keep the Body laxative; the *Juice* of the *Leaves* cures *Worms* in young or old; to correct its great Bitterness it may be mixt with *Sugar*: The *Natives* put 2 or 3 drops of the aforesaid *Oyl* up the *Nose*, which causes very much *Slime* and *Filth* to be voided, and cures old pains of the *Head* and *Astma*: The *Leaves* ground with a little *Turmeric* and *Salt* cures all sorts of *Ulcers*, *Aches*, *Strains* or *Bruises*: The *Bark*, ground with the *Juice* of its own Leaves and a little *Lime-juce*, intallibly cures all sorts of *Itch* or *Ring-worms*, by anointing outwardly, and taking some of the *Root* and *Bark* inwardly: This Tree is good for many other things, and is indeed held by the *Natives* for a general *Panacea*.

Of this the *Natives* in all count 4 sorts. 1. This which they *Cultivate* in *Gardens*, and is a large Tree. 2. *Mallee-wambo*, which is a lessier wild kind, as aforesaid. S. B. 26. 3. *Carream-pelle*, which is less than either of the 2 former, Leav'd like them, only these are not jagged on the edges. 4. *Nalee-Weambo*, which is very little, not above 2 $\frac{1}{2}$ foot high, but is the bitterest of all: this is of great use with the *Natives*, and is *Cordial*, comforts the *Stomach*, stops Vomiting, Looseness, &c. this has a bitter smell, and I doubt it may at least be a *species* of the *Calamus Aromaticus Syriacus*, of which more, with the *bitter Reeds*, mark'd N. 67. this resembles the former in nothing but its Bitterness, for which only the *Natives* count it a *species* of it.

Note, that the many alterations which the *Malabars* have for the names of Plants, is apt to make confusion; which, tho I avoid with all possible care, yet at N. 26. this *Waapa-Maraum* is there styl'd *Nella Wampulle*; and this is, I believe, the chief error I have made of this kind. S. B.